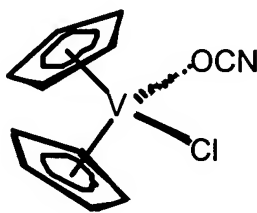


**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

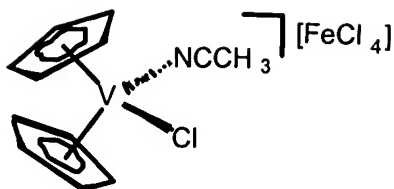
**Listing of Claims:**

- 1.-16. Cancelled
17. (New) A method of selectively killing testicular germ cells comprising contacting said testicular germ cells with an organometallic cyclopentadienyl vanadium IV complex.
18. (New) The method of claim 17, wherein said testicular germ cells comprise normal testicular germ cells.
19. (New) The method of claim 17, wherein said testicular germ cells comprise testicular germ cell tumors.
20. (New) The method of claim 17, wherein said step of contacting said testicular germ cell with said organometallic cyclopentadienyl vanadium IV complex is accomplished via intratesticular injection.
21. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula I



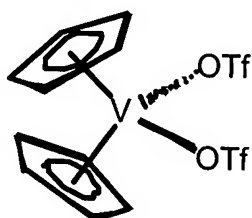
(I).

22. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula II



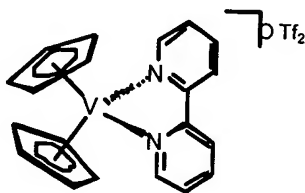
(II).

23. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula III



(III).

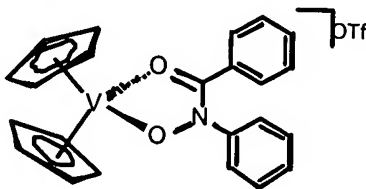
24. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula (IV)



(IV)

or a pharmaceutically acceptable salt thereof.

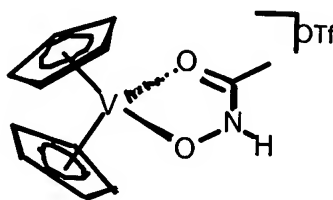
25. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula (V)



(V)

or a pharmaceutically acceptable salt thereof.

26. (New) The method of claim 17, wherein said organometallic cyclopentadienyl vanadium IV complex is a compound of formula (VI)



(VI)

or a pharmaceutically acceptable salt thereof.